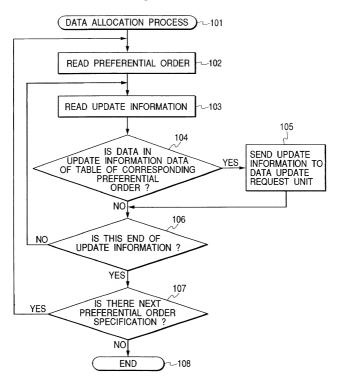


FIG. 2



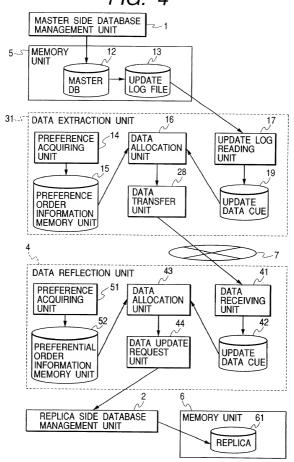
## FIG. 3

## TABLES THAT ARE COMPONENTS OF DATABASE

MASTER	_	REPLICA	_204
INVENTORY DATA	202	INVENTORY DATA	3
MERCHANDISE MASTER		MERCHANDISE MASTER	<sub>S</sub> -205
MARKET ANALYSIS	200	MARKET ANALYSIS	<sub>5</sub> -206

PREFERENCE 212 SPECIFICATION /	213	214 \(
EXTRACTION SIDE TABLE	REFLECTION SIDE TABLE	PREFERENTIAL ORDER
MASTER, INVENTORY DATA	REPLICA, INVENTORY DATA	1
MASTER, MERCHANDISE MASTER	REPLICA, MERCHANDISE MASTER	2
MASTER, MARKET ANALYSIS	REPLICA, MARKET ANALYSIS	3

FIG. 4



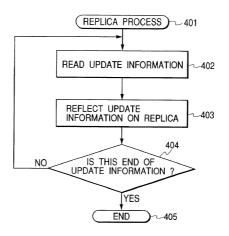
## FIG. 5

	NVENTORY 30	01	302	303		304	305	j
	MERCHANDISE CATEGORY	MERCHANDISE CODE		MERCHANDISE NAME		UNIT PRICE	INVENTO	RY
	Α	0001		A REFRIGERATOR		00,000	15	
	В	0002		B WASHING MACHINE		60,000	12	
	С	0032		C CLEANER		30,000	21	
-	Α	0230		B REFRIGERATOR		50,000	10	
	PREFERENCE 311 312 313 SPECIFICATION a							
					PREFERENTIAL DRDER			
	I INVENTORY DATA I		MERCHAN	IDISE CATEGORY=A		1		
Į			MERCHAN	MERCHANDISE CATEGORY=B		2		
	PREFERENCE 321 322 323 SPECIFICATION b							
	REFLECTION TA	ABLE	PREF	FERENTIAL COLUMN		PREFI ORDE	ERENTIAL R	1
1	MERCHANI MERCHANI MERCHANI			IDISE CATEGORY, IDISE CODE, INVENTOR			1	1

MERCHANDISE NAME, UNIT PRICE

2

## FIG. 6 PRIOR ART



UPDATE INFORMATION DATA CONTENT 501 502

~	~	~
UPDATE TABLE NAME	UPDATE TYPE	RECORD INFORMATION
INVENTORY TABLE	UPDATE	MERCHANDISE CATEGORY: A, MERCHANDISE CODE: 0001, INVENTORY: 20
MERCHANDISE MASTER	UPDATE	UNIT PRICE: 120,000
INVENTORY TABLE	UPDATE	MERCHANDISE CATEGORY: B, MERCHANDISE CODE: 0032, INVENTORY: 32
MERCHANDISE MASTER	INSERT	MERCHANDISE CODE: C, MERCHANDISE NAME: C CLEANER, UNIT PRICE: 42,000

503



